



Figure 4A

A

Mouse 1AAAGGGGTTAAGTCACCTTTAAACCTGACCCCTATCATTTATAGATCATATACTACAAAGAACCCATATAAATATTTCCTCATATC

Human 272051 TAATATGAGGAGCAGGGTTTAAAGTTAGTTTAAAACTGACCCCATCATTTGAAACATGCAATCTCAATGAATGCCACATAAATATCATTTCTCAAGATTC

Mouse 90 CAGGAATATTCTCTTTTCAGATGTTTTAAAAATGTCATTCTTTTAAAACTTTTCATTATTTTCTGTCTTATTCAAAGGGCTT..ACATCTCTGGAGTAAA

Human 272151 CTATGATGCTCTCTCTTCAGATCTTTT...CACTTCAATTTCTATAATATTGTGTTGTTCTGTGCTTATTCAAAGGGCTTCTTATCTCTGAGCACC

Mouse 189 TAGC.....CCTGACAAATGTGCAAAATATGCCATTATCTCAATTTG.....TGTGGATCTGCAAGTCCCAAGTAGTATTGATATAGAGATCTGAAAT

Human 272249 TAGCATAAGATAGAAAATGTGTCAAAATATATGTTTTATTCATCATGTGAGTATTTTAGGTCTGTTAAACCCCATTAACATTGATTGATTCAGAGA.....AGT

Mouse 279 GAATGCTTCTGAAAATGATGGGCTTTGTGTTTCTTAALCAGAAAGAGGGCTCACATTTCTTCTGCTTCATGATCAACAAAAATCTGTGAATTAAAGCAT

Human 272345 AGGGTGGTTCTGAAAAATACAGGCAATATCTCTTTAACTTG.....TTTTATAG

Mouse 379 CCAACCTACAAACGGTAAATGCTTTCCACCAGCACTGATATGAAATGCTCCATGAAGTCCCTAGAAAGCAAAATGACACATAAATAGCTTTGAAAAATGAAA

Human 272394 GAAACGAGATTAAGGGTAAATGTTTACC.....

Mouse 479 TCCATCCATCCATCCATCCATCCATCCATACATACATACATACATGCAATCCATTCATCTCCATTCTCACATCCATTCATTCACTCATTTCA

Human 272420 TCTGTCTCAAAATCATCAATATCCATGCCATTGTTAA

Mouse 579 TACATGTCATGCATCCATCTATCTCATCTCATCTCATCCATCCATCCATCCATCCATCCATTTATTCACACATCCATGATTATTCATTCACACATTTCATCCA

Human 272459 CTCATGTCATAGCAATTAATGCCTTTTCACATAGCCAT.....TGGCATCAAAAGAAAGAACCCCTTG

Mouse 679 TCTAGTCTATTCACTTTAAGCATCTATCCATTACATACACACGGGCTACTTGCCATGCAGGAGGGCGCTGTGATAGCTCTCCAAGTAGAAAGTGGATGATAAA

Human 272523 ATTGATGGTAAAG

Mouse 779 TGTGACACCGACATCAAGCTCCA..CAAACCCACTTTCTCTCTCAGAAAATCGAAACAACTGAGATCAAGCACTTCACTGACACTTTCAGCACTGCGAGGAGA

Human 272536 CGTGACACTACATAAATCCCGAAAAACCACTCTCTTTCAGCAAAATAGAAAACACCGAGGCCGTGAATTCACGTGTCAGCTTTGAACACTGAAACCGCA

Mouse 878 AGACTG..CAACTGCTCTGGCAGACATGAAGCGGTACTTCTGCGGTGTCTTTGCTCTCTGCTTCTCTTAATCAGACTTTTAAACAGTGAATG..GCCATCCA

Human 272636 GGACTGTTAACTGTTTCTGCGAAACATGAAGTCAAGGCGCTCTGGTATTCTTTCTCTTCTGCTTGGCATTAAAGTTTAAACAGTAAAGTGGTGAATTGAA

Mouse 975 TAGCTCTTATTGAGTTCTACTTCAAGAGAACATTAAAGAAAAATCTGAAGTAGAAAAATTAAGTAAAAATGAAATGATTTATTTTATTATTATTATT

Human 272736 TATTCTCTATTAAAGTTATAATTCAAGTAAACATTAAAGAAAAGCAAGGTAGAAAAATTAAGCACCCAAAGACA.....

Mouse 1075 TTATTTTATTTTGTTTTTAAACAGCACAGACAGTTTCAGAGGCACTGAAGCTCAGGCTCAGGCGCTGATG.....CCCGGTGACGCTGGATGTCAGTGCT

Human 272811 GTGGTTTGGTTTTTGAAGTAGGAATAGTTTC.....AGGATATGGCCAAAGGACCATGTCACCTATGTCACGTGGATGGCATTGAG

Mouse 1171 TCTTTTGATCTGTGTTTTAACTGAAAAAGTACATTTCAACAGACCATTAATAATTTAAATTACTTGTTCAAAGTTACCTGACAGTGATAAAGTAGCA

Human 272896 TTGC

Zone 1

Zone 2

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